

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

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pamphlet

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entitled "A Brief Account on North Western Industrial Company, Ltd",
Taiyuan

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For each plant the following
information is listed:

- A. Principal Equipment
- B. Monthly Output
- C. Number of Staff and Workmen

Plants are as follows:

1. North West Steel Plant
2. North West Steel Plant (Ta-Tung Branch)
3. North West Locomotive Works
4. North West Machine Repair Works
5. North West Yu-Tsai Steel Machinery Works
6. North West Yu-Tsai Steel Machinery Works (Ta-Tung Branch)
7. North West Chemical Works
8. North West Cement Works
9. North West Cement Works (Ta-Tung Branch)
10. North West Ceramic Works
11. North West Ta-Tung Graphite Works
12. Ta-Tung Glass Works
13. North West Electrolysis Works
14. North West Tanning Factory
15. North West Match Factory
16. Hse Hsien Match Branch Factory
17. Ta-Tung Branch Match Factory
18. Tsin Hua Tobacco Factory
19. North West Paper Mill
20. North West Printing Factory
21. Ta-Tung Hsing Nung Alcohol Factory
22. Yu-Tze Sodium Sulphate Works
23. North West Woolen Mill
24. Taiyuan Sewing Factory
25. Taiyuan Cotton Spinning and Weaving Mill

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26. Yu-Tse Cotton Spinning and Weaving Mill
27. Taiyuan Cotton Mill
28. Yu-Tze Cotton Weaving Factory
29. Taiyuan Flour Mill
30. Taiyuan Branch Flour Mill
31. Yutze Flour Mill
32. Pin-Yoe Flour Mill
33. Lin-Feng Flour Mill
34. North West Coal Mine No 1
35. North West Coal Mine No 2
36. North West Coal Mine No 3
37. North West Coal Mine No 4
38. East-Mountain Iron Ore Mine
39. Shue-Yang Iron Ore Mine
40. Ling-Shih Iron Ore Mine
41. Ting Hsiang Iron Ore Mine
42. Tung-Yeh Iron Ore Mine
43. Ning-Wu Iron Ore Mine
44. Ching Loa Manganese Ore Mine
45. Taiyuan City Power Station
46. Taiyuan Suburban Power Station
47. Lin-Feng Power Station
48. Yung-Cheng Power Station
49. Hsin-Hsien Power Station
50. Tai-Kuo Power Station
51. Experimental Shop

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A Brief Account on
North Western Industrial Company, Ltd.

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A BRIEF ACCOUNT ON NORTH WESTERN INDUSTRIAL COMPANY, LTD.

(10 Tien - Shan - So, Taiyuan, China.)

INTRODUCTION

Immediately following the Japanese invasion into the North Eastern Provinces on the 18th of September, 1931, most of the Chinese patriots turned their eyes towards national reconstruction of the northwestern China and simultaneously the call to develop the northwestern provinces has rung loudly in the ears of every citizen throughout the country.

Marshal Yen Hsi-Shan took up the lead immediately in pursuing a policy of "building up industries for the salvation of China", and a "ten-year plan" for Shansi was drawn up whereby a series of steps were taken, one after another, with the main purpose practically to carry out the plan of "Economic Development" with governmental assistance.

To put the plan in operation more effectively, the North western Industrial Company Limited was established in the year of 1932 with a promising economic future, and since then long strides have been made towards the final goal.

Sometime in January, 1937, a preparatory Commission was set up in Taiyuan, in which more than thirty experts and engineers were working most enthusiastically on their respective jobs. Their first function was to utilize local raw materials for making consumers' goods for farmers and city dwellers with the hope to improve their living conditions. One year's research work proved to be a great step ever undertaken in this direction, and on 1st of August, 1933, the North Western Industrial Co., Ltd. was officially inaugurated.

During the very beginning of the preparatory stage, Marshal Yen Hsi-Shan upheld the policy of "regulating private capital" as taught by the Founder of the Republic, Dr. Sun Yet-San, and formulated a scheme of "the people's enterprise of Shansi Province" for the purpose of minimizing the inequality of wealth of the community. Furthermore, in order to enhance the capital for the company being found so inadequate at the moment, Marshall Yen deliberately exercised great economy on the provincial and local district public expenditures, so as to effectuate a saving for granting loans for the extension of the industrial enterprises. These additional capital funds were regarded as a kind of vested interest belonging to the people of all districts in Shansi Province. Each district was to elect a certain number of representatives as share holders of the company, out of whom a number of directors and inspectors were to be chosen, who would constitute the supreme authority of the company. All special projects and plans of the company should first be submitted to the committees of the directors and of the inspectors for approval. The profit of the company must be appropriated partly to augment the capital stock and partly for the welfare of the Shansi people.

Prior to the war, since its establishment, the company was able to equip the

various factories and works with more than thirty complete plants such as foundries, blast furnaces, machine-tools, chemical equipment, spinning machinery, etc. The total number of staff then was 2051, and that of the workers about 18597. and the company at that time was capitalized at about 30 million dollars of national currency.

The good quality as well as the great variety of products turned out by the company have been well-known throughout northwestern China. Unfortunately, at the outbreak of the war, the Company was instructed to concentrate its efforts on manufacturing military supplies. All workers toiled day and night to make ammunitions for supplies to the front, never thinking of leaving their duties. Finally, the critical moment came. Shortly before the city fell into the hands of the enemy, the removal of heavy machinery and equipments from one place to another was extremely difficult and consequently only those that are comparatively light were moved out of the city, while most of the valuable properties built up through the blood and sweat of our staff and workers were captured by the enemy.

For aiding the national troops and coping with the needs of long resistance war, the company established in June 1939, many mobile shops on both sides of the Yellow River and also in the western part of Shansi. The cotton mills, wool spinning mills, machine shops, match factory and steel works etc. were rebuilt one after another, with a total of about twenty plants. All these small works were kept in busy operation to supply troops and civilians in the rear regions. Up to that time, we had a staff of about 492 and a working force of 2700. All of them were greatly inspired by the noble and undaunted spirit with which we were able to bridge over the narrow gap of the economic crisis.

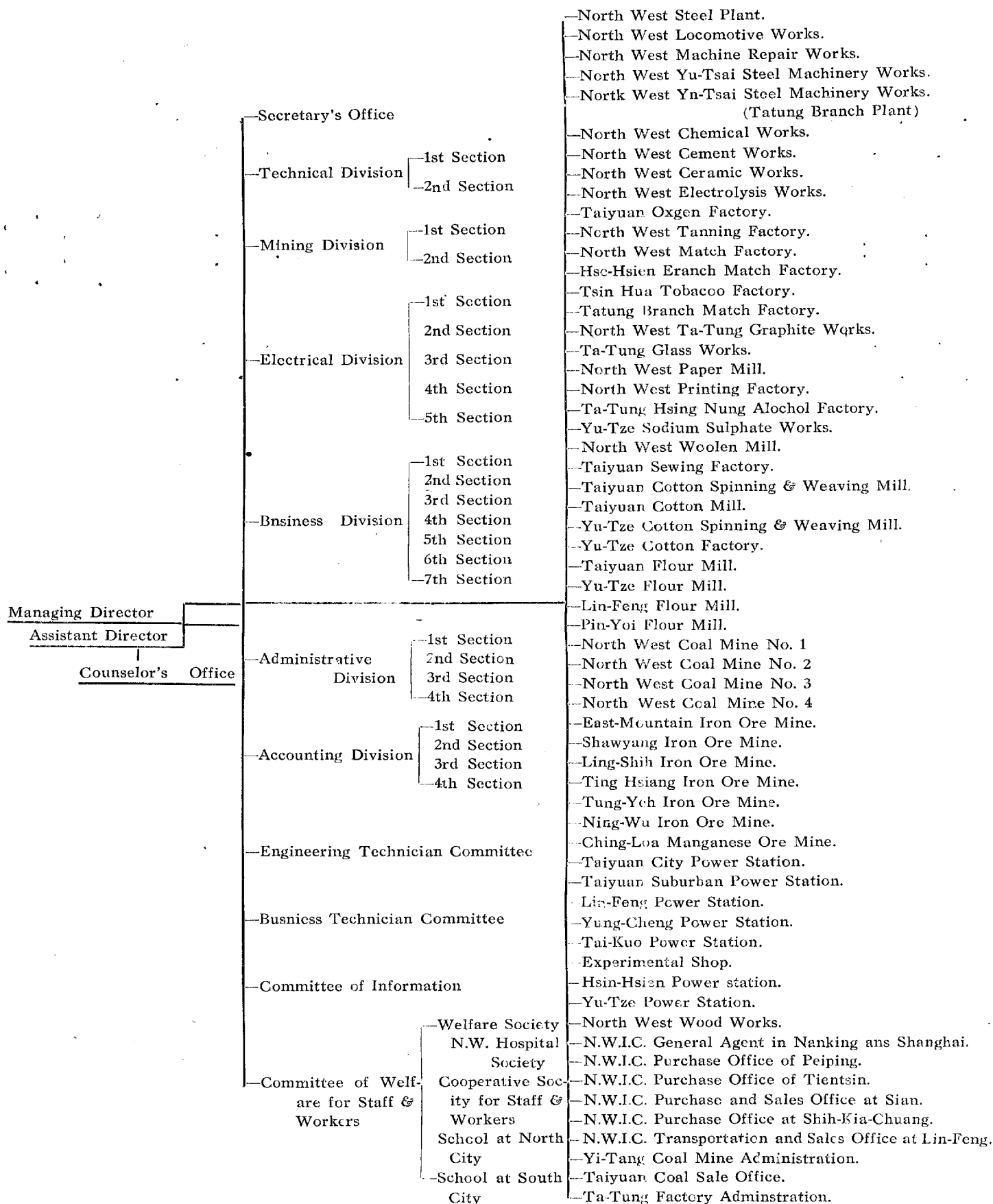
On the 15th of August, when the enemy surrendered and peace restored, the staff immediately undertook to take over all the works and plants previously owned by the company. In the meantime, the Company was instructed to take over the control of thirteen plants established by private individuals, before the war.

Much to our disappointment, however, the condition of the works was found reduced to a pitiful state. Most of the shops had been bombed and burned down and many units of machinery had been stripped and removed by the enemy, while majority of the machines left on the spot were found worn out obviously due to over work. Most and nearly all of them required a great deal of replacements and repairs.

The extent of damage and losses done was almost incredible. Before the war, all works of the company were equipped with a total of 4000 sets of machines, but only 300 were then found left. Nevertheless, elaborate plans were mapped out and machines in running order were kept in operation during the take-over period, while those in dilapidated condition were quickly put under repair. A few months later all the works resumed their operations in succession.

All our staff members and working forces spared no efforts in devoting themselves to the great task of resuming production and thus under the most trying circumstances have rendered valuable services to the people in the course of two years.

Unfortunately, during 1946-1947, the communists launched a series of attacks from all directions into the Shansi regions, destructed all the mining equipments and damaged the railway installations. The consequences were that the stream of raw materials ceased to flow. The Company, however, struggled hard in many ways to discover other natural resources as substitutes, and meantime great endeavour was made to improve the working methods and techniques in order to speed up the output for meeting urgent needs. So, inspite of the present difficult conditions, the company has laid a good and firm foundation for further development in the future.

ORGANIZATION CHART OF N. W. I. C.

OUTLINES ON VARIOUS PLANTS

- (1) North West Steel Plant
- A. Principal Equipment
- | | |
|-------------------------------|---------|
| 1. 150 Ton Blast Furnace | 1 set |
| 2. 50 Ton Blast Furnace | 1 set |
| 3. 30 Ton Open Hearth Furnace | 2 sets |
| 4. 240 Ton Coke Oven | 1 set |
| 5. By-product plant | 1 set |
| 6. Middle-size Rolling plant | 1 set |
| 7. Small-size Rolling plant | 1 set |
| 8. Electric Furnace | 1 set |
| 9. 5,000 K. W. Generator | 3 units |
- B. Monthly Output:
- | | |
|---------------------------------|------------|
| 1. Pig iron | 6,000 tons |
| 2. Steel ingot | 3,600 tons |
| 3. Steel-bar, plate, angle etc. | 3,600 tons |
| 4. Calcium Carbide | 45 tons |
| 5. By-products | 200 tons |
- C. Number of staff and workmen:
- | | |
|------------|-------|
| 1. Staff | 254 |
| 2. Workmen | 3,000 |
- (2) North West Steel Plant (Ta-Tung branch)
- A. Principal Equipment:
- | | |
|--------------------------|-------|
| 1. 120 ton Blast Furnace | 1 set |
| 2. 100 ton Blast Furnace | 1 set |
| 3. Other equipments | |
- B. Monthly output:
- Remarks: Not Operating now
- (3) North West Locomotive Works
- A. Principal Equipment:
- | | |
|--------------------------------------|----------|
| 1. Machine tools | 257 sets |
| 2. 1000 K. W. Turbo-Generator | 1 set |
| 3. Repair shop | 1 each |
| 4. Carbon-Electrode making equipment | 1 each |
- B. Monthly output:
- | | |
|-----------------------------------|-----------|
| 1. Repair locomotive | 30 units |
| 2. Repair freight cars | 100 units |
| 3. Machines | 25 units |
| 4. Bridge & Boiler | 10 tons |
| 5. Electrode for Electric furnace | |
- C. Number of Staff and Workmen:

1. Staff	133
2. Workmen	2,000
(4) North West Machine Repair Works	
A. Principal Equipment:	
1. Machine tools	320 sets
B. Monthly output:	
Mining equipment, Agricultural and Technical instruments etc.	100 tons
C. Number of staff and workmen:	
1. Staff	106
2. Workmen	2,732
(5) North West Yu-Tsai Steel Machinery Works.	
A. Principal equipment:	
1. Machine tools	200 sets
2. 3 ton electric furnace	1 set
3. 1.5 ton electric furnace	1 set
4. Nail & Wire Making & Drawing Plant	1 set
5. Oxygen plant	1 set
B. Monthly output:	
1. Various Machine	50 units
2. Boilers, Pumps, Weaving, Looms, together	100 tons
3. Oxygen	20,000 Kiloliters
C. Number of staff and workmen:	
1. Staff	60
2. Workmen	1,000
(6) North West Yu-Tsai Steel Machinery Works (Ta-Tung Branch)	
A. Principal equipment:	
1. Machine tools	72 units
2. Supplementary Machines	15 units
B. Monthly output:	
1. Small-size Machine tools	15 tons
2. Various machines for repairs	
C. Number of staff and workmen:	
1. Staff	34
2. Workmen	282
(7) North West Chemical Works.	
A. Principal equipment:	
1. Black powder plant	1 set
2. Ammonium Nitrate plant	1 set
3. Smokeless powder plant	1 set

4. Sulphuric Acid plant	1 set
5. Nitric Acid plant	1 set
6. Phosphorous electric plant	1 set
7. Alcohol plant	1 set
8. Ether plant	1 set
B. Monthly output:	
1. Explosive for mining purpose	75 tons
2. Nitric Acid	15 tons
3. Sulphuric Acid	45 tons
4. Ether	10 tons
5. Alcohol	30 tons
6. Phosphrus Sesquisulphide	1,500 kg.
C. Number of staff and workmen	
1. Staff	87
2. Workmen	880

(8) North West Cement Works.

A. Principal equipment:	
1. Rotary Kiln	2 sets
2. 300 H. P. driven Crusher for raw material	1 set
3. 200 H. P. driven Crusher for coal	1 set
4. Drying plant	1 set
B. Monthly output:	
Cement	7,500 tons
C. Number of staff and workmen:	
1. Staff	50
2. Workmen	626

(9) North West Cement Works (Ta-Tung Branch)

A. Principal equipment:	
1. Shaft-Kiln	2 sets
2. Calcium Carbide Plant	1 set
B. Monthly output:	
1. Cement	4,000 tons
2. Calcium Carbide	50 tons

Remarks:

Not Operating now

(10) North West Ceramic Works.

A. Principal equipment:	
1. Round Kiln	2 sets
2. Cubic Kiln	11 sets
3. Semi-continuous kiln	4 sets
4. Glass kiln	1 set

B. Monthly Output:		
1. Fine-chamett brick		1,500 tons
2. Brick		350,000 units
3. Glass ware		30,000 units
4. Porcelain		30,000 units
C. Number of staff and workmen:		
1. Staff		29
2. Workmen		512

(11) North West Ta-Tung Graphite Works.

A. Principal equipment		
1. Crusher		5 sets
2. Separator		3 sets
3. Floating machine		1 set
4. Electrode presses		3 sets

(12) Ta-Tung Glass Works.

A. Principal Equipment:		
1. Bottle Machine		1 set
2. Bottle throttle machine		1 set

Remarks:

Not Operating now

(13) North West Electrolysis Works.

A. Principal equipment:		
1. Electrolysis Diaphragm Cells		40 sets
2. Hydrochloric Acid plant		1 set
3. Bleaching-powder plant		1 set
4. Chlorat of potash plant		1 set
5. Caustic soda plant		1 set
B. Monthly output:		
1. Coustic Soda		30 tons
2. Hydrochloric Acid		25 tons
3. Bleaching powder		30 tons
4. Chlorat of potash		3 tons
C. Number of staff and workmen:		
1. Staff		26
2. Workmen		114

(14) North West Tanning Factory.

A. Principal equipment		
1. Tanning plant		1 set
2. Leather manufacturing		1 set
B. Monthly output		

1. Leather belt and soles	1,800 pieces
2. Smooth leather and' trunks	1,000 pieces
C. Number of staff and Workmen	
1. Staff	14
2. Workmen	102

(15) North West Match Factory

A. Principal equipment:	
1. Frame filling machine	13 sets
2. Frame emptying machine	7 sets
3. Splint selecting machine	3 sets
4. Splint leveling machine	2 sets
5. Continuous dipping machine	2 sets
6. Splint peeling machine	2 sets
7. Skillet peeling machine	
B. Monthly output:	
Match	3,000 boxes
C. Number of staff and workmen	
1. Staff	37
2. Workmen	390

(16) Hse Hsien Branch Match Factory.

A. Principal equipment:	
1. Frame filling machine	4 sets
2. Arranging machine	1 set
3. Splint selecting machine	1 set
4. Frame emptying machine	4 sets

Remarks:

Not Operating now

(17) Ta-Tung Branch Match Factory.

A. Principal equipment:	
1. Match machine	20 sets
B. Monthly output:	
Match	4,000 boxes

Remarks:

Operation suspended since June 1946

(18) Tsin Hua Tobacco Factory.

A. Principal equipment:	
1. Tobacco Cutting machine	14 sets
2. Cigarette making machine	15 sets
3. Tobacco heating equipment	1 set
4. Tobacco heating equipment 2nd. process	2 systems

B. Monthly output: 3,000 boxes
Cigarettes
C. Number of staff and workmen: 44
1. Staff 656
2. Workmen

(19) North West Paper Mill

A. Principal equipment:
1. 2 Ts. Spherical digester 3 sets
2. 1,500 lbs. Washing Engine 2 sets
3. 1,000 lbs. breaker beater 5 sets
4. 1,500 lbs. potcher 2 sets
5. 500 lbs. hollander 16 sets
6. Fourdrinier paper machine 1 set
7. Yankee Cylinder paper machine 1 set
8. 440 K. W. Alterating generator 2 sets
B. Monthly output: 200 tons
Various printing, writing and wrapping paper
C. Number of staff and workmen: 46
1. Staff 502
2. Workmen

(20) North West Printing Factory.

A. Principal equipment:
1. Rotary offset printing press 2 sets
2. Cylinder printing press 10 sets
3. Gnillotine cutter 2 sets
4. Lithographic printing press 1 set
5. The photoen gravuring equipment 1 set
B. Monthly output: 2,500,000 Press
Various printings
C. Number of staff and workmen: 31
1. Staff 153
2. Workmen

(21) Ta-Tung Hsing Nung Alcohol Factory.

A. Principal equipment: 1 set
1. Alcohol plant
B. Monthly output: 35 tons
1. Alcohol
C. Number of staff and workmen: 16
1. Staff 67
2. Workmen
Remarks:

Not Operating now
(22) Yu-Tze Sodium Sulphate Works.

A. Principal equipment:	
1. Furnace	2 sets
2. Distillation Column	12 sets
3. Carbon gas cleaner	1 set

(23) North West Woolen Mill

A. Principal equipment:	
1. Woolen carding machine	4 sets
2. Worsted carding machine	2 sets
3. Woolen and worsted ring spinning machine	700 spindles
4. Power loom	43 sets
B. Monthly output:	
1. Serge	24,000 yards
2. Flanned	12,000 yards
3. Blanket	600 pieces
4. Some other products	
C. Number of staff and workmen:	
1. Staff	36
2. Workmen	339

(24) Taiyuan Sewing Factory.

A. Principal Equipment:	
1. Knitting machine for glove and Hosiery making	89 sets
2. Knitting machine for sweaters	26 sets
3. Sewing machine	314 sets
B. Monthly output:	
1. Sweaters	50,000 lbs.
2. Glove and Hosiery	46,200 lbs.
C. Number of staff and workmen:	
1. Staff	35
2. Workmen	298

(25) Taiyuan Cotton Spinning & Weaving Mill.

A. Principal Equipment:	
1. Spinning machine	6,000 spindle
2. Power loom	249 looms
B. Monthly output:	
1. Cotton yarn	60,000 lbs.
2. 40 yard cotton cloth	6,000 rolls
C. Number of staff workmen:	
1. Staff	36
2. Workmen	388

(26) Yutze Cotton Spinning & Weaving Mill.

A. Principal Equipment:		
1. Spinning machine	41,744 spindles	
2. Doubler	2,256 spindles	
3. Automatic loom	300 looms	
4. Power loom	280 looms	
5. 1,150 K. W. Generator	1 set	
B. Monthly output:		
1. Cotton yarn	430,000 lbs.	
2. Cotton cloth (40 yard)	15,000 rolls	
3. Blankets	3,300 pieces	
4. Absorbent cotton		
C. Number of staff and workmen:		
1. Staff	58	
2. Workmen	922	

(27) Taiyuan Cotton Mill.

A. Principal Equipment:		
1. Power loom	40 sets	
B. Monthly output:		
1. Cotton cloth	900 rolls	
C. Number of staff and workmen:		
1. Staff	15	
2. Workmen	125	

(28) Yutze Cotton Weaving Factory.

A. Principal Equipment:		
1. Power loom	40 sets	
B. Monthly output:		
1. Cotton cloth (40 yard)	850 rolls	
C. Number of staff and workmen:		
1. Staff	21	
2. Workmen	192	

(29) Taiyuan Flour Mill.

A. Principal Equipment:		
1. Mill	12 systems	
B. Monthly output:		
1. Flour	105,000 bags	
C. Number of staff and workmen:		
1. Staff	51	
2. Workmen	157	

(30) Taiyuan Branch Flour Mill.

A. Principal Equipment:	
1. Mill	10 systems
B. Monthly output:	
1. Flour	27,000 bags
C. Number of staff and workmen:	
1. Staff	18
2. Workmen	54

(31) Yutze Flour Mill.

A. Principal Equipment:	
1. Mill	3 systems
2. Supplementary machines	3 sets
B. Monthly output:	
1. Flour	19,500 bags
C. Number of staff and workmen:	
1. Staff	18
2. Workmen	49

(32) Pin-Yoe Flour Mill.

A. Principal Equipment:	
1. Mill	4 systems
2. 128 K. W. A. C. Generator	1 set
3. 30 K. W. A. C. Generator	1 set
B. Monthly output:	
1. Flour	8,000 bags
C. Number of staff and workmen:	
1. Staff	25
2. Workmen	70

(33) Lin-Feng Flour Mill.

A. Principal Equipment:	
1. Mill	3 systems
B. Monthly output:	
1. Flour	17,000 bags
C. Number of staff and workmen:	
1. Staff	16
2. Workmen	31

(34) North West Coal Mine No. 1

A. Principal Equipment:	
1. Shaft (Vertical)	1 set
2. Incline shaft	1 set
3. Level	1 set
4. 1,000 K. V. A. Generator	1 set

5. 50 H. P. Hoist	3 sets
6. 20 H. P. Hoist	1 set
7. 200 H. P. Hoist	1 set
8. 30 H. P. Hoist	1 set
9. 120 H. P. Hoist	1 set
B. Monthly output:	
Coal	45,000 tons
C. Number of staff and workmen:	
1. Staff	136
2. Workmen	3,188
(35) North West Coal Mine No. 2	
A. Principal Equipment:	
1. Shaft (Vertical)	1 set
2. Incline shaft	1 set
3. Level	2 sets
4. 150 K. V. A. Generator	1 set
5. 95 H. P. Hoist	1 set
6. 825 K. V. A. Hoist	1 set
7. 195 H. P. Hoist	1 set
8. 30 H. P. Hoist	3 sets
9. 10 H. P. Hoist	3 sets
B. Monthly output:	
Cole	10,000 tons
C. Number of staff and workmen:	
1. Staff	37
2. Workmen	480
Remarks:	
Not Operating now	
(36) North West Coal Mine No. 3.	
A. Principal Equipment:	
1. Level	3 sets
2. 40 K. W. Generator	1 set
3. 50 K. W. Generator	1 set
4. 4 K. W. D. C. Generator	1 set
5. 20 H. P. Hoist	1 set
6. 10 H. P. Hoist	1 set
7. 10 H. P. Motor	1 set
8. 25 H. P. Engine	1 set
B. Monthly output:	
Coal	15,000 tons
C. Number of Staff and workmen	
1. Staff	25

2. Workmen	433
Remarks:	
Not Operating now	
(37) North West Coal Mine No: 4.	
A. Principal Equipment:	2 sets
1. Shaft	1 set
2. 20 H. P. Hoist	
B. Monthly output:	5,000 tons
Coal	
C. Number of staff and workmen:	
1. Staff	27
2. Workmen	204
(38) East Mountain Iron ore mine.	
A. Principal Equipment:	1 system
1. Mining equipment	
B. Monthly output:	2,000 tons
Iron ore	
C. Number of staff and workmen:	
1. Staff	20
2. Workmen	69
(39) Shue Yang Iron Ore Mine.	
A. Principal Equipment:	1 set
1. Mining equipment for iron and ferro-manganese	
B. Monthly output:	4,500 tons
Iron ore and manganese	
C. Number of staff and workmen:	
1. Staff	12
2. Workmen	120
Remarks:	
Not Operating now	
(40) Ling-Shih Iron Ore Mine.	
A. Principal Equipment:	1 system
1. Mining equipment	
B. Monthly output:	2,000 tons
1. Iron ore	
C. Number of staff and workmen:	
1. Staff	8
2. Workmen	90
(41) Ting Hsiang Iron Ore Mine.	

A. Principal Equipment:

1. Mining equipment:	1 system
2. 200 .K W. Generator	1 set
3. 600 K. W. Generator	1 set

B. Monthly output:

Iron ore	6,000 tons
----------	------------

C. Number of staff and workmen:

1. Staff	15
2. Workmen	400

Remarks:

Not Operating now

(42) Tung-Yeh Iron Ore Mine.

A. Principal Equipment:

1. Mining equipment	1 set
---------------------	-------

B. Monthly output:

Dolomite	300 tons
----------	----------

C. Number of staff and workmen:

1. Staff	12
2. Workmen	350

Remarks:

Not Operating now

(43) Ning-Wu Iron Ore Mine.

A. Principal Equipm nt:

1. Mining equipment	1 set
2. 500 K. W. Generator	1 set

B. Monthly output:

Iron ore	3,000 tons
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C. Number of staff and workmen: ,

1. Staff	12
2. Workmen	350

Remarks:

Not Operating now

(44) Ching-Loa Manganese Ore Mine.

A. Principal Equipment:

1. Mining equipment	1 system*
2. 40 K. W. Generator	1 set

Remarks:

Not Operating now

(45) Taiyuan City Power Station.

A. Principal Equipment:

1. 300 K. W. A. C. Generator	2 sets
2. 1,150 K. W. A. C. Generator	1 set
3. 3,000 K. W. A. C. Generator	1 set
B. Monthly output:	
Electric Power	600,000 K.W.H.
C. Number of staff and Workmen:	
1. Staff	9
2. Workmen	140

Remarks:

Portable 1,150 K. W. Generator was damaged by the enemy.

(46) Taiyuan Suburban Power Station.

A. Principal Equipment:	
1. 1,000 K. W. Generator	1 set
2. 2,500 K. W. Generator	1 set
3. 4,000 K. W. Generator	1 set
4. 5,000 K. W. Generator	1 set
B. Monthly output:	
Electric Power	3,600,000 K.W.H.
C. Number of staff and workmen:	
1. Staff	23
2. Workmen	268

Remarks:

In deterioration by over-load of the enemy during years of occupation.

(47) Lin-Feng Power Station.

A. Principal Equipment:	
1. 406 K. W. A. C. Generator	3 sets
B. Monthly output:	
Electric power	502,000 K.W.H.
C. Number of staff and workmen:	
1. Staff	15
2. Workmen	31

(48) Yung-Cheng Power Station.

A. Principal Equipment:	
1. 230 K. W. Generator	1 set
B. Monthly output:	
Electric Power	36,000 K.W.H.
C. Number of staff and workmen:	
1 Staff	10
2 Workmen	41

(49) Hsin-Hsien Power Station.

A. Principal Equipment:
 1. 70 K.W.A.C. Generator 1 set
 B. Monthly output;
 Electric power 12,000 K.W.H.
 C. Number of staff and workmen:
 1. Staff 7
 2. Workmen 10

(50) Tai-Ku Power Station.

A. Principal Equipment:
 1. G.E. 625 KVA 3 phase A.C. Generator 1 set
 2. A.E.G. 385 KVA 3 phase A.C. Generator 1 set
 B. Monthly output:
 Electric Power 30,000 K.W.H.
 C. Number of staff and workmen:
 1. Staff 4
 2. Workmen 15

(51) Experimental Shop.

A. Principal Equipment:
 1. Laboratory
 2. Chemical Laboratory
 3. Hydraulic presses 2 sets
 4. Hydraulic presses 6 sets
 5. Soap Manufactory
 B. Monthly output:
 1. Various kinds of oil 40 tons
 2. Laundry soap 45 tons
 3. Toilet soap 5 tons
 C. Number of staff and workmen:
 1. Staff 29
 2. Workmen 66

The Total Number Of Staff and Workmen of the Company

	Office	Factories	Total Number
Staff	676	1,740	2,416
Workmen	4,748	20,128	20,576

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